

Solar Chernobyl SPP – 1.0 MWp

LOCATION:	Chernobyl Nuclear Power Plant, Ukraine
IRRADIATION:	1 126.9 kWh/m ²
PROJECT DEVELOPER:	Solar Chernobyl Limited
LAND PLOT:	Leased for 49 years
GRID CONNECTION:	Secured
EPC and O&M:	Consortium «RODINA - ENERPARC AG»
TYPE OF SYSTEM :	Grid connected ground based system
SCHEDULE:	Completion Date - December, 2017
CAPACITY:	1.0 MWp
ANNUAL YIELD:	1 024 MWh

DESCRIPTION:

Solar Power Plant is located on the site of Chernobyl Nuclear Power Plant, right next to the confinement of the 4th Nuclear Reactor, which was exploded in 1986. The consortium «RODINA - ENERPARC AG» already has experience in the construction of solar parks in the areas affected by the Chernobyl catastrophe: in summer of 2016, the consortium successfully implemented a project for the construction of a 4.2 MWp solar power plant in the city of Bragin (Belarus) on the site of decontamination of the technological machineries, which participated in the liquidation of the consequences of the Chernobyl accident. SOLAR CHERNOBYL-1 Project is the next consecutive step of RODINA-ENERPARC AG strategy on development and realization of Solar Power Plants in the Chernobyl Area, affected by the nuclear catastrophe back in 1986.



SOLAR CONSORTIUM RODINA – ENERPARC AG

About Consortium

Solar Consortium Rodina (www.rodinaeg.com) and Enerparc AG (www.enerparc.de) was established in 2013 and specialises on engineering, construction and O&M of industrial solar power plants.

Enerparc AG is European leader in engineering, construction and O&M of industrial solar power plants and largest Independent Power Producer (IPP). Since 2009 company successfully installed more than 2.0 GWp of Solar Power Plants in Europe, Asia and USA, and more than 1.5 GWp of solar power plants are private property of the Enerparc Group.

Rodina is focused on execution of renewable energy projects in Eastern Europe, ex-USSR countries, Central Asia and MENA Region.

Since 2013 Consortium Rodina-Enerparc has successfully executed >250 MWp of Solar Power Plants in Ukraine, Kazakhstan, Turkey, Armenia, Belarus etc.

Consortium Rodina-Enerparc – is professional team in the development and execution of renewable energy projects, which gained unique practical experience in the markets of Eastern Europe and ex-USSR, and posses all relevant local construction and engineering licenses and certificates.



Recent Projects



Dunaevtsi-3 - Ukraine

EPC – «turn-key» solution
Project Capacity: 4.7 MWp
Produced Energy: 5 299 MWh per year
Project Execution Term: 120 days only
Solar Modules Installed: 17 248
Inverters' Efficiency: 98.6%
FiT secured: 0.15 EUR kWh
Payback Period: < 6 years
Services Delivered: May 2018



Derazhnia-2 - Ukraine

EPC – «turn-key» solution
Project Capacity: 4.0 MWp
Produced Energy: 4 498 MWh per year
Project Execution Term: 120 days only
Solar Modules Installed: 14 784
Inverters' Efficiency: 98.6%
FiT secured: 0.15 EUR kWh
Payback Period: < 6 years
Services Delivered: May 2018



Seferihisar - Turkey

EPC – «turn-key» solution
Project Capacity: 9.3 MWp
Produced Energy: 14670 MWh per year
Project Execution Term: 90 days only
Solar Modules Installed: 35 200
Inverters' Efficiency: 98.7%
FiT secured: 0.133 USD kWh
Payback Period: < 5 years
Services Delivered: December 2017



Siverek Yoğunca - Turkey

Owner Engineer and Project Management
Project Capacity: 16.6 MWp
Produced Energy: 25959 MWh per year
Project Execution Term: 120 days only
Solar Modules Installed: 61 600
Inverters' Efficiency: 98.7%
FiT secured: 0.133 USD kWh
Payback Period: < 5 years
Services Delivered: December 2017



Smorgon - Belarus

EPC – «turn-key» solution
Project Capacity: 18.6 MWp
Produced Energy: 19127 MWh per year
Project Execution Term: 90 days only
Solar Modules Installed: 70 308
Inverters' Efficiency: 98.7%
FiT secured: 0.32 USD kWh
Payback Period: < 5 years
Services Delivered: February 2017



Bragin - Belarus

EPC – «turn-key» solution
Project Capacity: 4.2 MWp
Produced Energy: 4519 MWh per year
Project Execution Term: 50 days only
Solar Modules Installed: 15 876
Inverters' Efficiency: 98.7%
FiT secured: 0.32 USD kWh
Payback Period: < 5 years
Services Delivered: August 2016

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